

Serial No: 10/524,177
Art Unit: 2617

PU020378
Customer No. 24498

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Remarks/Arguments

The Office Action mailed September 6, 2006 has been reviewed and carefully considered. Claims 1-14 remain pending in this application. Reconsideration of the above-identified application in view of the following remarks is respectfully requested.

Claims 1 and 8 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,920,814 to Sawyer et al. in view of U.S. Patent No. 6,070,070 to Ladue.

In asserting this rejection, the Examiner cites Sawyer et al and states:

Querying at least on serving node in the wireless network to recognize the mobile wireless terminal in accordance with a temporary identity contained in the access request (See Col. 1, lines 49-55), but if no serving node recognizes the mobile wireless terminal, then launching a query from the one serving node to a register in the wireless network storing identity information of previously registered mobile wireless terminals to identify the mobile wireless terminal from its temporary identity (See Col. 1, lines 49-57).

In reviewing Column 1, lines 49-64 of Sawyer et al, applicant disagrees with the Examiner's interpretation of this patent. Specifically, Sawyer et al, at Col. 1, lines 49-64 states the following:

The IS-136 standard, however, has a deficiency regarding the management of TMSIs in the network. Each MSC assigns its own TMSIs to mobile stations operating within the MSC's service area. If a mobile station is assigned a TMSI in a first MSC and then moves into the service area of a second MSC operating with the same System Identity (SID), the mobile station attempts to register in the second MSC utilizing the TMSI assigned by the first MSC. However, the second MSC cannot recognize the TMSI assigned by the first MSC. Therefore, the second MSC cannot identify the mobile station and does not know which HLR to access to retrieve subscriber information. This unsuccessful registration attempt results in a Registration Reject from the second MSC, thereby forcing the mobile station to attempt the registration a second time utilizing its permanent MIN. Thus, there is additional signaling and lost time because the mobile station was not recognized on the first registration attempt in the second MSC.

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Claim 1, recites, *inter alia*:

...but if no serving node recognizes the mobile wireless terminal, then launching a query from the one serving node to a register in the wireless network storing identity information of previously registered mobile wireless terminals to identify the mobile wireless terminal from its temporary identity...

It is respectfully asserted that the teachings of Sawyer et al. are contrary to those of the present principles. Specifically, Sawyer et al. teaches that the unsuccessful registration attempt results in a registration rejection from the second MSC, and thereby forces the mobile station to attempt the registration a second time "utilizing its permanent MIN". It is exactly this scenario which the present principles seeks to prevent (See the background description of present principles starting on page 1, line 23 – page 2, line 14 of applicants' specification.). The concept of the present principles is to prevent the Mobile device from transmitting its permanent MIN or (IMSI as used in the present principles) so as to maintain the identity of the mobile subscriber secret. It is interesting to note that the present principles never allows the mobile device to send its permanent information, and only when it is registered in a network where its permanent identity is stored in a register of the wireless network, can we obtain its identity using its temporary identity information. This clearly prevents a security breach as is the one of the advantages of the present principles.

In view of the foregoing, it is respectfully submitted that Sawyer et al. fails to disclose the features of Claim 1 as cited by the Examiner. The Ladue patent fails to provide the missing teaching of Sawyer et al. Thus, the combination of the teachings of Sawyer et al. with those of Ladue clearly fails to render the present invention obvious. Reconsideration and withdrawal of the rejection for claim 1 is respectfully requested.

Claim 8, as previously presented, recites, *inter alia*:

...a register in the wireless network storing permanent identity information of previously registered mobile wireless terminals to

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identify the mobile wireless terminal from its temporary identity using its permanent identity information in response to a query from the at least one serving node when the one node lacks knowledge of the mobile wireless terminal.

As is evident from the excerpts of Sawyer et al. reproduced above, the permanent information of the present principle is stored in a register on the network and transmitted therefrom to the at least one serving node when the one node lacks knowledge of the mobile wireless terminal. Thus, the teachings of Sawyer et al. are in direct contradiction with those of the present principles, and specifically as those set forth in independent claim 1 and 8. Again, the combination of the teachings of Sawyer et al. with those of Ladue, clearly fail to disclose or remotely suggest the claimed features of the present principles. Reconsideration and withdrawal of the rejections under 35 U.S.C. §103(a) of independent claims 1 and 8 and early allowance of the same is respectfully requested.

Claims 2-3 and 9-10 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Sawyer et al., in view of Ladue and in further view of Rautila et al. (USP 6,853,851). The Rautila et al. patent fails to supply the missing teachings of Sawyer et al. as discussed in connection with the rejections of claims 1 and 8. Thus, in view of the above-identified distinctions between the claimed subject matter of the present principles and the combined teachings of Sawyer et al. with those of Ladue, any combination of these references with the teachings of any other reference fail for at least the reasons cited above. Withdrawal of this rejection is respectfully solicited.

Claims 4-5 and 11-12 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Sawyer et al., in view of Ladue, in further view Rautila et al. and Quick Jr. et al. (US 2003/0112976). The Quick Jr. et al. patent fails to provide the missing teachings not found in Sawyer et al., Ladue, and Rautila et al. In view of the above-identified distinctions between the claimed subject matter of the present principles and the combined teachings of Sawyer et

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al. with those of Ladue, any combination of these references with the teachings of any other reference fail for at least the reasons cited above. Withdrawal of this rejection is respectfully solicited.

Claim 6 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Sawyer et al., in view of Ladue and in further view Rautila et al. and Warsta (USP 5,713,073). The Warsta patent fails to provide the missing teaching not found in Sawyer et al., Ladue, and Rautila. In view of the above-identified distinctions between the claimed subject matter of the present principles and the combined teachings of Sawyer et al. with those of Ladue, any combination of these references with the teachings of any other reference fail for at least the reasons cited above. Withdrawal of this rejection is respectfully solicited.

Claims 7 and 14 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Sawyer et al. in view of Ladue and in further view of Warsta. In view of the above-identified distinctions between the claimed subject matter of the present principles and the combined teachings of Sawyer et al. with those of Ladue, any combination of these references with the teachings of any other reference fail for at least the reasons cited above. Withdrawal of this rejection is respectfully solicited.

Claim 13 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Sawyer et al., in view of Ladue, in further view of Rautila et al., Quick Jr. et al. and Warsta. In view of the above-identified distinctions between the claimed subject matter of the present principles and the combined teachings of Sawyer et al. with those of Ladue, any combination of these references with the teachings of any other reference fail for at least the reasons cited above. Withdrawal of this rejection is respectfully solicited.

In view of the foregoing, Applicant respectfully requests that the rejections of the claims set forth in the Office Action of September 6, 2006 be withdrawn, that pending claims 1-14 be allowed, and that the case proceed to early issuance of Letters Patent in due course.

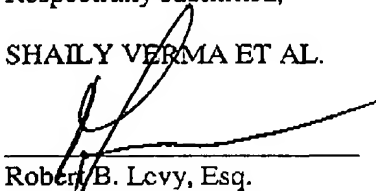
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It is believed that no additional fees or charges are currently due. However, in the event that any additional fees or charges are required at this time in connection with the application, they may be charged to applicant's representatives Deposit Account No. 07-0832

Respectfully submitted,

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